## **DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493

Contract #: 04-0120F4

Cty: <u>SF/ALA</u> Rte: <u>80</u> PM: <u>13.9/14.3,0.0/1.6</u>

File #: 69.12

## **DAILY PROJECT JOURNAL**

Prime Contractor: American Bridge/Fluor Enterprises, a JV Report No: DPJ-000449 **Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 09-Nov-2007

**Location:** Changxing Island, Shanghai, China

Submi	ttals(New / Total):	<b>CWR's:</b> 0 / 28	<b>HSR's:</b> 0 / 10	<b>NCR's:</b> 0 / 12
Item	Title	Detail		
1	Major component move	ment OBG Produ	ection:	
			ting and welding T-Stiffeners to OBG Bottom Plates,	
		Drilling and	l cutting T-Stiffeners.	
	77m T		Mock-up:	
	Weldi		ange to Diaphragm.	
	89m T		Mock-up:	
	Weldin		ffener plates between diaphragm	S,
		Performing	weld repairs on Longitudinal Sti	ffener to Skin Plate
		114m Tower Mock-up:		
			weld repairs on Longitudinal Sti	ffener to Skin Plate.
		Deck Plate	Deck Plate Mock-up:	
	Grinding		nd and bevels on Closed-ribs	
2	Meetings attended	Caltrans me	Caltrans met with ABF and ZPMC at 1300 to discuss issues and the	
		schedule fo	r the next three days.	
		ZPMC disc	ussed the material currently in fo	or review and urgently needed by
		ZPMC. Ba	tch 33 was delivered to Caltrans	this afternoon and is ready for
		verification	. Batches 35 and 38 are currently	y being reviewed by ABF.
		ZPMC state	ed they believe that wire brushing	g of the paint is sufficient prior
		to welding.	Caltrans explained and showed	ZPMC the code references that
		require all p	paint to be removed.	
		CWR's 3, 4	and 8 were rejected by ABF. Z	PMC stated they want written
		notification	of the rejection prior to re-subm	itting.
		Caltrans inf	Formed ABF and ZPMC that num	nerous areas on the Deck Plate
		Mock-up cl	osed ribs were observed to have	issues related to the land and
		bevel faces.	Caltrans explained that the join	t geometry from the weld trials
			ed in the mock-up and production	-

TL-6042,Daily Project Journal

## DAILY PROJECT JOURNAL

(Continued Page 2 of 2)

currently scheduled for tomorrow. The ribs verified by Caltrans do not meet the parameters observed during the weld trial. ABF Fabrication Manager Dave Williams stated ZPMC was still performing preparation on the ribs. QA asked to have the opportunity to verify the ribs prior to tack welding to the deck plate. ABF Engineer Peter Ferguson stated the land dimensions from the weld trail were 1.5mm to 2.2mm and the bevel was 26 to 28 degrees. This is the values that ABF and ZPMC will be using in production and the mock-up. ZPMC informed ABF and Caltrans that the schedule will be delayed by about two days. They currently have not submitted the deck plate to Caltrans. This plate is currently grouped with production material, but will be separated prior to submittal to Caltrans.

3 Quality Assurance Inspectors per shift

- 2 Day Shift (Acuna, McClendon)
- 4 Swing Shift (Berger, Dixon, Franco, Smith)
- 2 Graveyard Shift (Hasler, Jobes)

**Inspected By:** McClary, David Quality Assurance Inspector **Reviewed By:** Lowry, Patrick **QA** Reviewer